

U.S. EPA CERCLA SECTION 104(e) INFORMATION REQUEST QUESTIONS and RESPONSES

Site: Lower Duwamish Waterway Superfund Site (LDW), Seattle WA

DERP-FUDS Site Number F10WA041500, Seattle Area Disposal Area, Seattle, WA

1. Respondent Information

a. Provide the full legal name and mailing address of the Respondent.

Colonel Anthony Wright
District Commander, USACE Seattle District
P.O. Box 3755
Seattle, WA 98124

b. For each person answering these questions on behalf of Respondent, provide:

- i. full name;**
- ii. title;**
- iii. business address; and**
- iv. business telephone number and FAX machine number.**

The information requested for each of the persons responsible for answering these questions is provided under separate cover for personal privacy purposes.

c. If Respondent wishes to designate an individual for all future correspondence concerning this matter, please indicate here by providing that individual's name, address, telephone number and fax number.

Colonel Anthony Wright
District Commander, USACE Seattle District
P.O. Box 3755
Seattle, WA 98124
Tel: 206-764-3690
Fax: 206-764-6544

d. State the dates during which the Department of Defense (DOD) held any property interests at or within one-half mile of the FUDS.

The dates during which DOD held property interests for this site is as shown on the spreadsheet included on the CD provided with this response. To the extent available, documents showing when the site was acquired and disposed of are hyperlinked to the spreadsheet.

- e. **State the dates during which DOD conducted any activities at or within one-half mile of the FUDS.**

Between 1945 and 1959, DOD may have conducted activities at or within one-half mile of the FUDS.

See the following document available on the CD provided with this response:

- Findings of Fact, dated January 19, 1990, DERP-FUDS, Finding and Determination of Eligibility, re: Seattle Area Disposal Center.

- f. **Describe the nature of DOD's activities at the FUDS or within one-half mile of the FUDS.**

DOD's activities at or within one-half mile of the FUDS includes use as an open barrel storage yard from 1945-1947, and storage of excess materials from various Army installations throughout Washington state from 1947 to 1953. Beginning in 1953, the site was designated Seattle Area Disposal Center and redistribution center for materials and supplies with continued use until disposal in 1959. The Seattle Area Disposal Center performed the entire "property disposal mission" for the Army installations and various agencies, including: Fort Lawton, WA; Seattle Port of Embarkation; Fort Worden, WA; Auburn General Depot; Sacramento Signal Sub-Depot, Auburn General Depot; District Engineers, Seattle District; Alaska Communication System; other Army activities and installations in the Seattle and surrounding area; and other installations and/or activities that may have been authorized by Headquarters Sixth Army. Barrels may have been used for fuel at the FUDS, but there is no information available on the actual quantities of fuel, or number of barrels, used or stored at the FUDS. One record, dated January 26, 1953, indicates that the past six-month average for receipts and disposals had been 1,455,407 and 1,390,417 pounds of material, respectively. This same 1953 record noted that it was not expected at the time that this workload would be materially reduced within the foreseeable future.

See the following documents available on the CD provided with this response:

- Findings of Fact, dated January 19, 1990, DERP-FUDS, Finding and Determination of Eligibility, re: Seattle Area Disposal Center.
- Disposition Form, dated November 5, 1986, DERA, INPR, re: Seattle Area Disposal Center.
- Memorandum, dated February 17, 1953, from USACE, Seattle District, to USACE, North Pacific Division, re: lease no. W04-193-eng-6334.

- g. **In relation to your answer to the previous question, identify all materials used or created by DOD's activities at the FUDS, including raw materials, commercial products, building debris, and other wastes.**

In relation to the answer to 1.f., above, all known materials used or created by DOD's activities at the FUDS consist of: use of ground surface for storage, use of storage site for parking, rail access, or other vehicular activities associated with transporting barrels and other stored material on and off the property. No other documentation is available regarding materials used or produced by DOD's activities at the FUDS.

See the following document available on the CD provided with this response:

- Disposition Form, dated November 5, 1986, DERA, INPR, re: Seattle Area Disposal Center.
- Memorandum, dated February 17, 1953, from USACE, Seattle District, to USACE, North Pacific Division, re: lease no. W04-193-eng-6334.

2. Site Activities and Interests

- a. Provide all documents in your possession or accessible to you regarding the ownership of the FUDS before, during and after DOD control, including, but not limited to, copies of deeds, sales contracts, leases, blueprints, "as-builts" and photographs.**

Any documents showing ownership or other real estate interests by DOD for the FUDS are hyperlinked to the spreadsheet included on the CD provided with this response.

- b. Provide all documents in your possession or accessible to you regarding environmental conditions at the FUDS before, during and after the relevant time period (see Definitions). "Environmental conditions" includes information relating to soil, sediment, water (ground and surface), and air quality. This may include, but not be limited to:**

- i. Any spill, leak, release or discharge of a hazardous substance, waste, or material at or near the FUDS;**

There is no documentation in the possession and control of the DOD regarding any spill, leak, release or discharge of a hazardous substance, waste, or material at or near the FUDS.

- ii. Occurrences of violations, citations, deficiencies, and/or accidents concerning the FUDS;**

There is no documentation in the possession and control of the DOD indicating occurrences of violations, citations, deficiencies, and /or accidents concerning the FUDS.

iii. Remediation or removal of contaminated soils, sediments, or other media at the FUDS; and

There is no documentation in the possession and control of the DOD indicating the remediation or removal of contaminated soils, sediments, or other media at the FUDS. The site was used as the Seattle Area Disposal Center, as explained in our response to 1.f., above. As described in our response to 1.f., a record, dated January 26, 1953, includes an average on the amount of material entering and leaving the site during the previous 6-months' timeframe; however, this site appears to have been used solely as a transfer and storage station, and there is no documentation regarding removal of contaminated soils, sediments or other media that originated from the site.

See the following documents available on the CD provided with this response:

- Findings of Fact, dated January 19, 1990, DERP-FUDS, Finding and Determination of Eligibility, re: Seattle Area Disposal Center.
- Memorandum, dated February 17, 1953, from USACE, Seattle District, to USACE, North Pacific Division, re: lease no. W04-193-eng-6334.

iv. Investigations, inspections, sampling, and any associated reports regarding the FUDS and surrounding area.

Documentation in the possession and control of the DOD regarding investigations, inspections, sampling and any associated reports regarding the FUDS and surrounding area is limited to a site visit that occurred on April 17, 1986, by Robert Andersen of R.S. Andersen/Land Use Planning, Anton Fackelmann of Tetra Tech, Inc, and Ken Crooker, the Warehouse Manager, of the Port of Seattle. The field inspection revealed no visible evidence of any previous DOD storage activities. Descriptions of the site at the time of the inspection, including new structures and changes to the site after DOD activities took place at the FUDS, are available in the following provided links.

See the following document available on the CD provided with this response:

- Notice, Negative Findings and Determination of Eligibility, Landowner Notification Information, to John Freeman, re: site visit on April 17, 1986 by Corps and Tetra Tech of the Seattle Area Disposal Center.
- Handwritten note, dated November 28, 1989, re: site visit of Seattle Area Disposal Center on April 17, 1986.

- Notice, Negative Findings and Determination of Eligibility, Landowner Notification Information, to: Ken Crooker, re: site visit on April 17, 1986 by Tetra Tech, on behalf of Corps.
- Disposition Form, dated November 5, 1986, DERA, INPR, re: Seattle Area Disposal Center.

- c. Provide information on the condition of the FUDS when purchased or at the beginning of the relevant time period; describe the source, volume, and content of any fill material used during the construction of the buildings, including waterside structures such as seawalls, wharves, docks or marine ways. Additionally, describe any subsequent improvements, alteration, demolitions or additions to the physical structures or the property itself.**

Limited information is available on the condition of the FUDS when purchased or at the beginning of the relevant time period. Records indicate that the railroad yard existed long before any DOD activity took place on the site. The entire site area lies within an original marine tide flat and was created by manmade fill that was placed prior to DOD use. No structures were on the site at the time of acquisition and no additional structures were added to the site during the time of DOD activities. Due to use associated with railroad activities and barrel storage, the site is leveled and compacted. There was no evidence of slumpage at the site, and the bearing capacity of the site was found to withstand heavy truck and rail yard activities.

Available information indicates that subsequent to DOD control, the site was developed as part of the Union Pacific Railroad switching yard. Between 1975 and 1979, Union Pacific Railroad constructed two large metal shop buildings, several small storage sheds, and several new lines of track on the site.

See the following document available on the CD provided with this response:

- Disposition Form, dated November 5, 1986, DERA, INPR, re: Seattle Area Disposal Center.

- d. Provide a brief summary of the activities conducted at the FUDS while under DOD's ownership or operation. Include any diagrams or charts of the activities conducted.**

Activities conducted at the FUDS while under DOD's ownership or operation includes use as an open barrel storage yard from 1945 to 1947, and for storage of excess materials from various Army installations throughout Washington State from 1947 to 1953. In 1953, the site was designated Seattle Area Disposal Center and redistribution center for materials and supplies with continued use until disposal in 1959. The Seattle Area Disposal Center performed the entire "property disposal mission" for various Army

installations and agencies (as listed in our response to 1.f.). The barrels may have been used for fuel, but there is no information on quantities used, or the number of barrels stored at the facility. Due to the limited amount of information available on the activities conducted at the FUDS while under DOD's ownership or operation, the creation of diagrams or charts is not feasible.

See the following documents available on the CD provided with this response:

- Findings of Fact, dated January 19, 1990, DERP-FUDS, Finding and Determination of Eligibility, re: Seattle Area Disposal Center.
- Disposition Form, dated November 5, 1986, DERA, INPR, re: Seattle Area Disposal Center.
- Memorandum, dated February 17, 1953, from USACE, Seattle District, to USACE, North Pacific Division, re: lease no. W04-193-eng-6334.
- Property Information Report, end date January 19, 1990, Corps, re: Seattle Area Disposal Center.
- Memorandum, dated January 26, 1953, from HQ, Fort Lawton, WA, to USACE, Seattle District Engineer, re: lease no. W04-193-eng-6334.

- e. **Provide all documents pertaining to sale, transfer, delivery, or disposal, of any hazardous substances, scrap materials, and/or recyclable materials at or to the FUDS.**

There is limited documentation pertaining to sale, transfer, delivery, or disposal, of any hazardous substances, scrap materials, and/or recyclable materials at or near to the FUDS. As explained in our response to 1.f., and 2.d., the FUDS was used to store and presumably transfer barrels and other excess materials from various Army installations in Washington State. As previously mentioned in our response to 1.f., one record, dated January 26, 1953, indicates that the previous six-month average for receipts and disposals included 1,455,407 pounds and 1,390,417 pounds of material, respectively. Average monthly cash proceeds for this time period were \$13,763.25, and other authorized dispositions were \$24,622.32. There is no information available depicting what types of materials these given weights corresponded to, or on any other materials or quantities stored, transferred, or disposed of at or from the FUDS.

See the following documents available on the CD provided with this response:

- Memorandum, dated January 26, 1953, from HQ, Fort Lawton, WA, to USACE, Seattle District Engineer, re: lease no. W04-193-eng-6334.

- Memorandum, dated February 17, 1953, from USACE, Seattle District, to USACE, North Pacific Division, re: lease no. W04-193-eng-6334.
- Disposition Form, dated November 5, 1986, DERA, INPR, re: Seattle Area Disposal Center.
- Findings of Fact, dated January 19, 1990, DERP-FUDS, Finding and Determination of Eligibility, re: Seattle Area Disposal Center.

f. Provide all information or electrical equipment used at the FUDS, including transformers or other electrical equipment that may have contained polychlorinated biphenyls (PCBs).

There is no documentation in the control and possession of the DOD regarding electrical equipment used at the FUDS, including transformers or other electrical equipment that may have contained polychlorinated biphenyls (PCBs).

g. Provide information on the type(s) of oils or fluids used for lubrication of machinery or other industrial purposes, and any other chemicals or products which are or may contain hazardous substances which are or were used at the FUDS for facility operations.

Only limited documentation exists on any oils or fluids used for lubrication of machinery or other industrial purposes at the FUDS for facility operations. As previously mentioned in our response to 1.f., barrels stored at the site may have contained fuel, but the amounts of fuel which may have been stored in the barrels are not known, and also, there is no information available on the number of barrels stored at the facility. There is also no other documentation specifying any other chemicals or products which may have been used or stored at the FUDS.

See the following documents available on the CD provided with this response:

- Findings of Fact, dated January 19, 1990, DERP-FUDS, Finding and Determination of Eligibility, re: Seattle Area Disposal Center.
- Disposition Form, dated November 5, 1986, DERA, INPR, re: Seattle Area Disposal Center.
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- Memorandum, dated January 26, 1953, from HQ, Fort Lawton, WA, to USACE, Seattle District Engineer, re: lease no. W04-193-eng-6334.

- h. Provide any site drainage descriptions, plans or maps that include information about storm drainage which includes, but is not limited to, above or below surface piping, ditches, catch basins, manholes, and treatment/detention or related structures including outfalls. If available, also include information about connections to sanitary sewer.**

Only limited documentation exists in the possession and control of the DOD regarding site drainage descriptions, storm drainage, or sanitary sewer connections at the FUDS. Available information includes a map with sewer pipe and manhole information for locations near the site. A second document, dated December 7, 1953, mentions a permit that was later canceled regarding possible construction of a water main in the vicinity of the site.

See the following documents available on the CD provided with this response:

- Map, undated, permit A 1575, depicting 2 govt warehouses.
- Reconciliation Statement, dated December 7, 1953, USACE, Seattle District, re: tracts declarations to War Assets Administration.

- i. With respect to past site activities, please provide copies of any stormwater or drainage studies, including data from sampling, conducted at the FUDS. Also provide copies of any Stormwater Pollution Prevention or Maintenance Plans or Spill Plans that may have been developed for operations or activities at the FUDS.**

There is no documentation in the possession and control of the DOD to indicate that any past site activities involved the conduction of any stormwater or drainage studies, or any data collection from sampling, at the FUDS. There also is no available documentation indicating the existence of any Stormwater Pollution Prevention or Maintenance Plans or Spill Plans that may have been developed for operations or activities at the FUDS.

3. Information About Others

- a. Describe any business relationship DOD may have had regarding the FUDS, or operations thereon, with others.**

The only known business relationship DOD may have had regarding the FUDS involved use of the site as the Seattle Area Disposal Center, where the entire "property disposal mission" took place for various Department of the Army installations and agencies, as outlined in our response to 1.f., above.

See the following document available on the CD provided with this response:

- Memorandum, dated January 26, 1953, from HQ, Fort Lawton, WA, to USACE, Seattle District Engineer, re: lease no. W04-193-eng-6334.

- b. **Provide the names and last known address of any tenants or lessees, the dates of their tenancy and a brief description of the activities they conducted while operation on the FUDS.**

Names and addresses, if disclosed by the documents in the possession and control of DOD, of any tenants or lessees of the site, and the dates of their tenancy and activities conducted are as shown in the Outgrant columns of the spreadsheet for the FUDS that has been included on the CD provided with this Response.

- c. **If not already provided, identify and provide a last known address or phone number for all persons, including current and former employees or agents, other than attorneys, who have knowledge or information about the generation, use, purchase, storage, disposal, placement, or other handling of hazardous materials at, or transportation of hazardous materials to or from, the FUDS.**

The only person DOD is aware of who had knowledge or information about the generation, use, purchase, storage, disposal, placement, or other handling of hazardous materials at, or transportation of hazardous material to or from, the FUDS, was Clyde F. Mackman (WOJG U.S. Army Assistant Adjutant). Mr. Mackman signed a document, dated January 26, 1953, containing information regarding quantities of disposal materials entering and leaving the site and other information regarding cash proceeds and other monetary authorized dispositions. No information is available, however, indicating what Mr. Mackman's last known address or phone number was.

See the following document available on the CD provided with this response:

- Memorandum, dated February 17, 1953, from USACE, Seattle District, to USACE, North Pacific Division, re: lease no. W04-193-eng-6334.

4. **Compliance with This Request**

- a. **Describe all sources reviewed or consulted in responding to this request, including, but not limited to:**
- name and current job title of all individuals consulted;**
 - location(s) where all documents reviewed are currently kept.**

The sources reviewed or consulted in responding to this request include the following:

USACE Northwestern Division (Omaha, NE):

- DERP-FUDS Program Files;

USACE Kansas City District:

- DERP-FUDS Program Files

USACE Northwestern Division (Portland, OR) (formerly, North Pacific Division):

- DERP-FUDS Program Files

USACE Seattle District:

- Real Estate Division;
- Environmental Management Branch;
- Navigation Branch

Federal Records Center
Iron Mountain
19826 Russell Road
Kent, WA 98032

Jonathan A. Maas
Senior Environmental Employment Program (SEE) in PRP Search
MS ECL-111, Site Clean Up Unit 3
U.S. EPA, Region 10
1200 Sixth Ave, Suite 900
Seattle, WA 98101

INDEX of DOCUMENTS REFERENCED in RESPONSE
U.S. EPA CERCLA SECTION 104(e) INFORMATION REQUEST
QUESTIONS and RESPONSES

Site: Lower Duwamish Waterway Superfund Site (LDW), Seattle WA

DERP-FUDS Site Number F10WA0, Seattle Area Disposal Center, Seattle, WA

In order of appearance in Response:

Findings of Fact, dated January 19, 1990, DERP-FUDS, Finding and Determination of Eligibility, re: Seattle Area Disposal Center.

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